

PATENT  
ATTORNEY DOCKET NO.: AURO1210-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Zuker et al. Art Unit: 1653  
Application No.: 09/462,517 Examiner: K.C. Carlson  
Filed: May 18, 2000  
Title: COMPOSITIONS AND METHODS FOR IDENTIFYING MODULATORS  
OF TRANSDUCISOMES, A NEW CLASS OF THERAPEUTIC TARGETS

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of each is enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

01/26/2004 NRCHN1 00000004 09462517

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CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on January 20, 2004, in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Karen LePari*

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In the Application of:

Zuker et al.

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Page 2

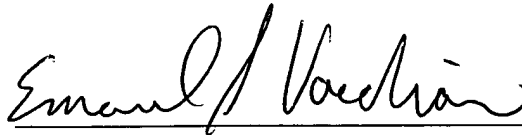
PATENT

Attorney Docket No. AURO1210-1

A check in the total amount of \$180.00 is enclosed to cover the fee to file the Information Disclosure Statement. The Commissioner is hereby authorized to charge any additional fees required by this filing, or credit any overpayment, to Deposit Account No. 50-1355. A copy of the transmittal sheet is enclosed.

Respectfully submitted,

Date: January 20, 2004



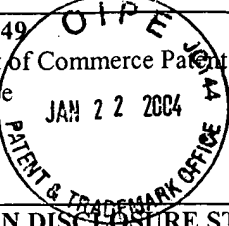
Emanuel J. Vacchiano, J.D., Ph.D.

Registration No. 43,964

Telephone: (858) 638-6754

Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
USPTO Customer No. 28213

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office 	<b>Docket No.</b> AURO1210-1	<b>Serial No.:</b> 09/462,517
	<b>Applicant:</b> Zuker et al.	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> May 18, 2000	<b>Group Art Unit:</b> 1653

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,004,808	12/21/1999	Paul Negulescu et al.			

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AB	Brenman, J.E. et al., "Interaction of nitric oxide synthase with the postsynaptic density protein PSD-95 and alpha1-syntrophin mediated by PDZ domains", <i>Cell</i> , Vol. 84, 757-767, 1996.
	AC	Cabral, J.H. et al., "Crystal structure of a PDZ domain", <i>Nature</i> , Vol. 382, 649-652, 1996.
	AD	Chevesich, J et al, "Requirement for the PDZ domain protein, INAD, for localization of the TRP store-operated channel to a signaling complex", <i>Neuron</i> , Vol. 18, 95-105, 1997.
	AE	Choi, K.Y. et al., "Ste5 tethers multiple protein kinases in the MAP kinase cascade required for mating in <i>S. cerevisiae</i> ", <i>Cell</i> , Vol. 78, 499-512, 1994.
	AF	Dong, H. et al., "GRIP: a synaptic PDZ domain-containing protein that interacts with AMPA receptors", <i>Nature</i> Vol. 386, 279-284, 1997.
	AG	Doyle, D.A. et al, "Crystal structure of a complexed and peptide-free membrane protein-binding domain: molecular basis of peptide recognition by PDZ", <i>Cell</i> , Vol. 85, 1067-1076, 1996.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AH	Fanning, A.S. & Anderson, J.M., "Protein-protein interactions: PDZ domain networks", <i>Curr Biol</i> , Vol. 6, 1385-1388, 1996.
AI	Harrison, S.C., "Peptide-surface association: the case of PD and PTB domains", <i>Cell</i> Vol. 86, 341-343 1996.
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AL	Kim, E. & Sheng, M., "Differential K <sup>+</sup> channel clustering activity of PSD-95 and SAP97, two related membrane-associated putative guanylate kinases", <i>Neuropharmacology</i> , Vol. 35, 993-1000, 1996.
AM	Larrivee, D.C. et al., "Mutation that selectively affects rhodopsin concentration in the peripheral photoreceptors of <i>Drosophila melanogaster</i> ", <i>Journal of General Physiology</i> , Vol. 78, 521-545, 1981.
AN	Marcus, S. et al., "Complexes between STE5 and components of the pheromon-responsive mitogen-activated protein kinase module", <i>Proc Natl Acad Sci USA</i> , Vol. 91, 7762-7766, 1994.
AO	Printen, J.A. & Sprague, G.J., "Protein-protein interactions in the yeast pheromone response pathway: Ste5p interacts with all members of the MAP kinase cascade", <i>Genetics</i> , Vol. 609-619, 1994.
AP	Saras, J. & Heldin, C.H., "PDZ domains bind carboxy-terminal sequences of target proteins.", <i>Trends Biochem Sci</i> , Vol 21, 445-458, 1996.
AQ	Sato, T. et al, "FAP-1: a protein tyrosine phosphatase that associates with Fas", <i>Science</i> Vol. 268, 411-0415, 1995.
AR	Schlessinger, J., "SH2/SH3 signaling proteins", <i>Curr Opin Genet Dev</i> , Vol. 4, 25-30, 1994.

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AS	Scott, K. et al, "Gaz Protein Function <i>in vivo</i> : Genetic Dissection of Its Role in Photoreceptor Cell Physiology", <i>Neuron</i> , Kim, E. & Sheng, M., "Differential K <sup>+</sup> channel clustering activity of PSD-95 and SAP97, two related membrane-associated putative guanylate kinases", <i>Neuropharmacology</i> , Vol. 15, 919-927, 1995.
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AU	Shieh, B.-H. & Niemeyer, B., "A novel protein encoded by the <i>InaD</i> gene regulates recovery of visual transduction in <i>Drosophila</i> ", <i>Neuron</i> , Vol. 14, 201-210, 1995.
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AX	Songyang, Z et al, "Recognition of unique carboxyl-terminal motifs by distinct PDZ domains", <i>Science</i> , Vol. 275, 73-77, 1997.
AY	Smith, D.P. et al, "Photoreceptor deactivation and retinal degeneration mediated by a photoreceptor-specific protein kinase C", <i>Science</i> , Vol. 254, 1478-1484, 1991.
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BB	Woods, D.F. & Bryant, P.J., "The discs-large tumor suppressor gene of <i>Drosophila</i> encodes a guanylate kinase homolog localized at septate junctions.", <i>Cell</i> , Vol. 66, 451-464, 1991.

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